

wherein the at least one delivery condition includes at least one of a location condition and a time condition.

[0025] According to a fourth aspect of the invention, there is provided an apparatus comprising:

[0026] means for receiving an indication of a content selected for delivery to a destination device;

[0027] means for defining at least one delivery condition to be used to control the delivery of the selected content to the destination device;

[0028] means for forming a notification regarding the selected content;

[0029] means for including information on the at least one delivery condition in the notification; and

[0030] means for transmitting the notification,

[0031] wherein the at least one delivery condition includes at least one of a location condition and a time condition.

[0032] According to a fifth aspect of the invention, there is provided a method at an apparatus, comprising:

[0033] receiving an indication of a content selected for delivery from a source device to the apparatus;

[0034] obtaining information of at least one delivery condition included in the notification to control the delivery of the selected content to the apparatus;

[0035] examining whether the apparatus fulfills the delivery conditions; and

if so, receiving the selected content.

[0036] According to a sixth aspect of the invention, there is provided an apparatus comprising at least one processor and at least one memory including computer program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to perform at least the following:

[0037] receiving an indication of a content selected for delivery from a source device to the apparatus;

[0038] obtaining from the notification information of at least one delivery condition to control the delivery of the selected content to the apparatus;

[0039] examining whether the apparatus fulfills the delivery conditions; and

if so, receiving the selected content.

[0040] According to a seventh aspect of the invention, there is provided a computer program product including one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to perform at least the following:

[0041] receiving an indication of a content selected for delivery from a source device to the apparatus;

[0042] obtaining information of at least one delivery condition included in the notification to control the delivery of the selected content to the apparatus;

[0043] examining whether the apparatus fulfills the delivery conditions; and

[0044] if so, receiving the selected content.

[0045] According to an eighth aspect of the invention, there is provided an apparatus comprising:

[0046] means for receiving an indication of a content selected for delivery from a source device to the apparatus;

[0047] means for obtaining from the notification information of at least one delivery condition to control the delivery of the selected content to the apparatus;

[0048] means for examining whether the apparatus fulfills the delivery conditions; and

[0049] means for receiving the selected content adapted to receive the content, if the examining indicates that the apparatus fulfills the delivery conditions.

[0050] In some example embodiments a touch of a finger can be used to transfer data from one device to multiple of other devices. Moreover, the data does not have to be of any particular type.

[0051] Multiple security levels can be chosen. For example, users can select or set multiple types and levels of security so that somebody cannot touch and transfer data but would require authentication. Passphrase based, gesture based and/or biometric authentication may be used in different embodiments.

[0052] Methods of some embodiments may be more intuitive than touching devices together—they may give a user the feeling that the user have stored data on her/his fingertips.

[0053] In some embodiments it is possible to add validity information. For example, time information may be added so that the “data” will remain on fingertips for “t” amount of time. So any devices that the user will touch within that timeframe may get the data subject to additional authentication if required.

[0054] Metadata of the data that is being transferred may be used to automatically understand the application context the data is related to.

[0055] Many embodiments also provide the ability to work with both local connections and over the a communication network (e.g. a so-called cloud) depending on application data and authentication levels required.

[0056] Many embodiments also support multi-device fingertip touch authentication and across full screen.

[0057] Some embodiments of the invention allow multiple users to touch and share content to one or more devices where the data can be of the same application or multiple applications (for example, video transfer from different users in an event). Also the selection of multiple application data with one or more touches and selectively copying each selected data based on authentication token or gesture in addition to touch may also be enabled in some embodiments.

[0058] Proximal models and cloud models may be supported, wherein the model may be chosen depending on the authentication type required. In proximal models the content may be transmitted directly between devices without using any communication network, whereas in cloud models a communication network may be utilized in the content transfer. The proximal model may be useful when distance between devices is within an operating range of local communication means (aka short range communication) of the devices. The cloud models may be useful when the distance between the devices is larger than the operating mode of the local communication means and/or one or more of the devices do not have local communication means but only means for communicating with a communication network.

[0059] Many embodiments of the invention rely on proximity of devices that includes both spatial and temporal proximity. Some embodiments allow the use of authenticated transfer or unauthenticated insecure transfer. The security is inherent based on proximal nature of devices but can be enhanced with a single lock or lock code before the transfer. Settings can be made on the transferring client to check if a lock code or an authentication key possibly generated on one device need to be confirmed on the other device. In another embodiment, user’s fingerprint may be scanned by the device